

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims:

1. (Currently Amended) A method of notifying clients of a specific change in a system comprising:

a client making a request for notification of the specific change in the system;

adding the request to a list of requests for notification, and storing parameters of the request;

detecting the specific change in the system; ~~and~~

notifying the client requesting notification according to the parameters that the specific change in the system occurred;

removing the request from the list in response to the client terminating the request; and

wherein a first cycle comprising the client making the request, the adding, and the removing and a second cycle comprising the detecting and the notifying proceed independently of each other.

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Previously Presented) The method of claim 1 wherein:

the specific change in the system is connection of a device.

6. (Previously Presented) The method of claim 1 wherein:
the specific change in the system is disconnection of a device.

7. (Previously Presented) The method of claim 1 wherein:
said making a request includes the client supplying a callback routine;
and
said notifying includes executing the callback routine.

8. (Currently Amended) A subsystem for notifying clients of a specific
change in a system comprising:
means for a client to make a request for notification of the specific change
in the system;
means for adding the request to a list of requests for notification, and
means for storing parameters of the request;
means for detecting the specific change in the system; and
means for notifying the client requesting notification according to the
parameters that the specific change in the system occurred;
means for removing the request from the list in response to the client
terminating the request; and
wherein a first cycle comprising the means for the client to make the
request and a second cycle comprising the means for detecting and the means for
adding and the means for notifying operate independently of each other.

9. (Cancelled)

10. (Cancelled)

11. (Original) The subsystem of claim 10 further comprising:
means for communication to the client; and wherein:
the client supplies the means for communication; and
the means for communication is utilized by the means for notifying.

12. (Currently Amended) A machine-readable medium containing a plurality of executable instructions, which when executed on a processor cause said processor to perform a method of notifying clients of a specific change in a system, the method comprising:

a client making a request for notification of the specific change in the system;

adding the request to a list of requests for notification, and storing parameters of the request;

detecting the specific change in the system; ~~and~~

notifying the client requesting notification according to the parameters that the specific change in the system occurred;

removing the request from the list in response to the client terminating the request; and

wherein a first cycle comprising the client making the request and the adding and a second cycle comprising the detecting and the notifying proceed independently of each other.

13. (Cancelled)

14. (Cancelled)

15. (Original) The machine-readable medium of claim 14 wherein:
said requesting includes the client supplying a callback routine; and
said notifying includes executing the callback routine.

16. (Currently Amended) A system comprising:

a processor;

a memory;

a bus, the bus coupled to the processor, the bus coupled to the memory;

and

the processor processing a request by a client for notification of a specific change in the system, the processor adding the request to a list of requests for notification, the processor storing parameters of the request, the processor detecting the specific change in the system, and the processor notifying the client according to the parameters that the specific change in the system has occurred, the processor removing the request from the list in response to the client terminating the request; and

wherein a first cycle comprising the client making the request and the adding and a second cycle comprising the detecting and the notifying proceed independently of each other.

17. (Cancelled)

18. (Original) The system of claim 17 wherein:

the processor stores the list of requests in memory.

19. (Cancelled)

20. (Original) The system of claim 19 wherein:

the processor receives a callback routine from the client when the client requests notification and the processor notifies the client by executing the callback routine.

21. (Currently Amended) A method of notifying clients of a specific change in a Universal Serial Bus (USB) comprising:

a first client making a request for notification of a first specific change in the USB;

adding the request to a list of requests for notification, and storing parameters of the request;

detecting the first specific change in the USB; ~~and~~

notifying the first client requesting notification according to the parameters that the first specific change in the USB occurred;

removing the request from the list in response to the client terminating the request; and

wherein a first cycle comprising the first client making the request and the adding and a second cycle comprising the detecting and the notifying proceed independently of each other.

22. (Previously Presented) The method of claim 21 wherein:

the first specific change is connection of a device to the USB;

and further comprising:

finding a driver suitable for use with the device.

23. (Previously Presented) The method of claim 21 wherein:

the first specific change is disconnection of a device from the USB;

and further comprising:

deactivating a driver corresponding to the device.

24. (Previously Presented) The method of claim 21 further comprising:

a second client making a request for notification of a second specific change in the USB;

detecting the second specific change in the USB; and

notifying the second client requesting notification that the second specific change in the USB occurred.

25. (Previously Presented) The method of claim 24 wherein:
a change in the USB constitutes a first specific change and constitutes a second specific change.

26. (Previously Presented) The method of claim 24 wherein:
a change in the use that constitutes a first specific change does not constitute a second specific change.